

## GOVERNMENT OF TELANGANA

### ABSTRACT

Gram Panchayats – Implementation of Solid Waste Management –Convergence of MGNREGS, Swach Bharath Mission (G) and GRAM PANCHAYAT funds –guidelines issued – reg.

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### PANCHAYAT RAJ AND RURAL DEVELOPMENT (Pts.III) DEPARTMENT

G.O.Ms.No. 31

Dated: 06-06-2018

Read the following:-

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#### 1. Introduction:

- 1.1 Government of Telangana has enacted the New PR Act,2018 with the objective of improving service delivery to the people in core sectors through strengthening of the Gram Panchayats by bringing together the developmental efforts of various departments working at the Gram Panchayat Level. A campaign conducted during the launch of Gram Jyothi programme in the month of August-2015 has generated mass awareness on sanitation in the villages and paved the way for substantial progress in achieving Open Defecation Free (ODF) Gram Panchayats in the state.
- 1.2 Maintaining proper Sanitation for prevention of seasonal diseases to safeguard public health at the village level is one of the core mandatory functions of the Gram Panchayat under Telangana Panchayat Raj Act.
- 1.3 House to House collection of Solid waste, its transportation to segregation yards, segregation of the solid waste and its treatment / safe disposal to Compost pits / dumping yards forms a crucial part in maintaining proper sanitation.

#### 2. Objectives.

- 2.1 Effective Solid Waste Management leads to the following multiple benefits.
  - (i) **Health benefits** from safe disposal of different types of waste that would pother wise contaminate the surroundings and drinking water sources.
  - (ii) **Economic benefits** through reuse / recycling of products that would have been discarded as waste.
  - (iii) **Environmental benefits** from a clean environment without unsightly mounds of rotten waste dumped in the open in different open places in the village.
  - (iv) Improvement in overall quality of life in the villages leading to betterment of **Human Development Index (HDI)**.

#### 3. Integrated approach.

- 3.1 An integrated approach to the Total Sanitation at the Gram Panchayat levels involves the following.
  - Individual sanitation.
  - Community sanitation.
- 3.2 To achieve Total individual sanitation, the construction of IHHLs have been taken up in ODF Gram Panchayat mode under SBM (G) and MGNREGS for which guidelines have been issued separately.
- 3.3 The Liquid waste has been managed through construction of Individual and Community soak pits in a campaign mode for which guidelines are already issued.
- 3.4 The community sanitation can be properly maintained through proper implementation of Solid and liquid Waste Management including its disposed by Gram Panchayat .

#### 4. Present status – Need for convergence

- 4.1 In addition to their own source resources and various grants, the Gram Panchayats are also receiving substantial funds under 14<sup>th</sup> Finance Commission award which have to be utilised for improving basic services to the people at the village level.
- 4.2 At present, the services delivered by the Gram Panchayats in the Sanitation sector are not at optimal level due to lack of management approach in handling

- different types of waste and also lack of convergence with other related schemes and departments.
- 4.3 There is a huge potential to tap several resources by bringing in convergence with other schemes like MGNREGS and SBM (G). There are several models of successful implementation of SWM at Gram Panchayat level which led to substantial improvement in the sanitary conditions in the villages.
  - 4.4 Solid Waste Management (SWM) is a permissible work under Para 1B of Schedule-I of operational guidelines of MGNREGS issued by Government of India. Under this provision an amount of R. 5.00 lakh per 1000 population can be utilised for implementation of SWM with the unskilled labour : material cost ratio being 35:65. The types and nature of works to be taken up are also clearly specified under these guidelines.
  - 4.5 SBM (G) guidelines also provide for Solid waste management activities in the Gram Panchayats and funds are earmarked based on number of Households.
  - 4.6 Therefore there is a need to bring in convergence of SWM component of all these schemes at Gram Panchayat level for effective and efficient implementation of the SWM through house to house collection of solid waste, transport to segregation yards, segregation of waste, treatment and safe disposal.

## 5. Time – Motion study

- 5.1 In order to properly define and quantify the task of the worker in the Solid waste management, a Time Motion was conducted by the Director, PR & RD in 5 Gram Panchayats of Sangareddy district.
- 5.2 Based on the Time-motion study, the Commissioner, PR & RD, recommended for implementation of SWM in the Gram Panchayats of Telangana to improve the sanitary conditions and upkeep of the villages. Based on these recommendations, the following guidelines are issued.

### 5.3 Quantification of the task of the Sanitary workers.

The work of the sanitary worker is quantified as follows.

- (i) Collection of solid waste from house to house - Each sanitary worker has to cover 75 households per day and collect about 40 Kgs of Solid waste in plain areas and has to cover 50 households per day and collect about 30 Kg of solid waste in Tribal / Hilly areas.
- (ii) Transportation of waste to segregation point through tri-cycle provided by Gram Panchayat.
- (iii) Segregation of waste into Biodegradable and Non-Biodegradable waste.
- (iv) Disposal of Biodegradable waste in compost pits and non-biodegradable waste in Dumping Yards.
- (v) The indicative 8 hour time-cycle per day for each worker for collection, segregation, transportation and disposal of waste is as mentioned below.

Sno	Activity	Approx Time
1	House to House collection of waste	4 hrs
2	Transportation to Segregation / dumping yard	0.5 hr
3	Rest	1 hr
4	Segregation of Solid Waste in Bio-degradable, non-biodegradable (recyclable and non-recyclable)	2 hrs
5	Transport and safe disposal of the waste into compost pit, vermin compost pit, dumping yard / land fill as is the case.	0.5 hr
	Total	8 hrs

- (vi) The sanitary worker shall be paid at the minimum wage notified under MGNREGS from time to time **from Gram Panchayat funds**.

**6. Implementing agency:**

The Gram Panchayat shall be the implementing agency for all activities under SWM. The functional committee on Drinking water and sanitation shall play an active role in all activities to support the Gram Panchayat

**7. Sanctions:**

The District Collector will be the sanctioning authorities for all works taken up under SWM.

**8. Funding of works:**

The requirement of funds for various works / activities proposed to be taken up as part of SWM shall be met from sources as mentioned below.

Sno	Name of work	Source of Fund
1	Tri-cycles @ one per 300 HHs	SBM(G) / GP
2	Safety equipment (i) Pair of Gloves per worker (ii) Pair of boots per worker (iii) One Jacket per worker (iv) Nose Mask	14 <sup>th</sup> Finance Commission / GP
3	Implements (i) Showels (ii) Pick axe (iii) Spring type Weighing Machine (iv) Brooms (one small and one long handle) (v) Tarpaulin sheets (vi) Aluminum Baskets	14 <sup>th</sup> Finance Commission
4	Wage payments towards Collection, transportation, segregation and safe disposal	GP Funds
5	Wage payments towards cleaning village streets and Drains and providing related equipment.	GP Funds
6	Shed for segregation of Bio degradable and non-biodegradable (with economic value) waste	EGS
7	Drying platform	MGNREGS
8	Vermi-compost pits	MGNREGS
9	Compost pits	MGNREGS
10	Dry waste compartments / Dumping bins / Dumping yard	MGNREGS
11	Other incidental expenses	GP funds

Wherever MGNREGS / SBM (G) funds are not available, GP funds may be used.

**9. Identification of Sanitary worker:**

- The Sanitary worker shall be identified with the active involvement of the Drinking Water and Sanitation Functional Committee by the Gram Panchayat.
- Wages to the workers involved in the house to house collection of waste shall be paid from GP funds.
- Sanitary workers for SWM activities shall be identified @ 1 worker upto 300 households for undertaking collection, segregation and transportation of Household waste to dumping sites / land fill sites.

**10. Maintenance of Registers.**

Register and records shall be maintained for various activities under SWM by the GP.

**11. Role and responsibilities of functionaries**

The roles and responsibilities of the convergence department shall be as mentioned hereunder.

**11.1 District Panchayat Officer.**

- DPO is the Nodal Officer at the District level for implementation of SWM.
- Responsible for identification of Gram Panchayats for implementation of SWM.

- (iii) He shall prepare a project report of SWM for the Gram Panchayats identified in co-ordination with convergence departments.
  - (iv) DPO shall co-ordinate with DRDO, DRDA.
  - (v) To coordinate with all the field staff of Gram Panchayats selected for SWM.
  - (vi) Monitor the progress of implementation and report to the District Collector and higher authorities for necessary instructions
  - (vii) Convene regular coordination meetings with convergence departments for resolving issues.
- 11.2 District Rural Development Officer, DRDA,
- (i) Complete all the activities as per the targets assigned under SWM activity.
  - (ii) Identify and complete the works to be taken up with EGS funds under SWM activities in the GP identified.
  - (i) Identify and complete the works to be taken up with SBM (G) funds under SWM activities in the GP identified.
- 11.3 Sarpanch
- Sarpanch shall monitor and Supervise the SWM activities in the Gram Panchayat.
- The sarpanch shall work actively for the mobilisation and participation of the people in the implementation of SWM activities in the GP.
- Ensure timely availability of funds available with GP for carrying out various SWM activities, as a first priority.
- 11.4 Panchayat Secretary
- (i) Monitor Daily attendance of sanitary worker.
  - (ii) Arrange for weighing and recording of the SW collection.
  - (iii) Shall undertake verification of the Solid Waste collected once in every week.
  - (iv) Shall under take random verification of the Solid Waste collected once in every week.
  - (v) Shall counter sign all registers prescribed for various activities under Solid Waste activities.
  - (vi) Shall be responsible for preparation of day wise / street wise plans and maps for SW collection.
  - (vii) Shall plan for drain cleaning especially in summer with existing staff.

## 12 Nodal Agency for implementation.

The Commissioner, PR and RD shall be the Nodal Agency for implementation of SWM under convergence with MGNREGS / SBM (G) and shall issue further necessary instructions / Guidelines for successful implementation of SWM.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)**

**VIKAS RAJ**  
**PRINCIPAL SECRETARY TO GOVERNMENT(FAC)**

To,  
The Commissioner, PR & RD, Telangana, Hyderabad.  
To all the District Collectors in the state.  
To all the District Panchayat Officers in the state.  
To all the DRDOs , DRDA in the state.  
Copy to the Project Director, SSBM (G), Hyderabad

**//FORWARDED::BY ORDER//**

**SECTION OFFICER**